Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No: First and Fianl Bill (For Other Works) Date……..20

Division: **Vidyaranyapura** Sub-Division: **Vidyaranyapura Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated…….

Sub Divisional **Work Code: 011-18-000039, 011-18-000041**

Schedule Docket No. Head of Account: Est.Cost- **200.00 Lakhs**

Name of Work: **Package-9, (Includes 2 Works Of Rs 200.00 Lakhs) 1) Improvements To Roads And Drains At Singapura, Singapura Garden, Valmiki Nagara, Asheraya Layout, Kuvempunagara & Naidu Layout In Ward No. 11 Kuvempunagara. 2) Improvements To Roads And Drains At Teachers Layout, Raghavendra Colony, Balaji Layout, Shrinidhi Layout, Vaisnavi Layout, Sai Garden, M S Palya, Bharath Nagara, Chinnaswamy Layout, Maruthi Layout, Vinayaka Nagar, Singapura Paradise, In Ward No. 11 Kuvempunagara.**

Name of Contractor and Full Address: **Sri.Vasanthkumar K.N, No.57K, 13th Cross, 1st Block, Rajajinagara, Bangalore-560 010.**

Reference to Agreement No: **BBMP/EE/BTP/WO/162/2018-19** Date: **03-11-2018**

Certified that the measurements were taken by me on 01/07/21 and recorded of Pages 5019 to 5019 of measurement Book No. 5020/19-20 and that the work is satisfactorily executed.

K. N. Vasanth Kumar **Contractor** **Officer-in-charge of work**

Certified that the measurement were taken by me on 1/7/21 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engine
Vidyaranyapura Sub Divisi
BBMP, Bangalore - 97

II Memorandum of Payment

Forsty Final bill

1) Total value of work done or supplies made as per account within — BA - 19417000=00
2) Deduct amount to be held in reserve being ……percent Rs…… — IT - 194170=00
3) " Balance — L.C - 194170=00
4) Deduct Payment: — CBT - 19417=00
   a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… Amount adjusted towards cash advance recovery of — CGST - 178367=00
   b) Payments Now made: cost store or other material supplied; recovery of amount creditable to this/other work; Amount paid on this bill Cheque / Cash. — SGST - 178367=00
5) Balance being unpaid value of work done held in reserve. — Royalty - 400200=00
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments. — LWS - 42800=00
7) Net amount due to or from Contractor unadjustments items — FSD - 582510=00
8) Advance to Contractor for materials brought to site (as detailed) within. — TD - 1780001=00
9) Value of Government materials supplied.

Total amount adjusted - 17636999=00

K. N. Vasanth Kumar Contractor's Signature

Received Rs…….. (in words)……
……
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No……..Dated……
Cash Rs……..
Dated……

Initials of Officer making payment

(For use in the Office)

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P - 3111 ರಡಿ
ಚಲು ಮೊಬಲಗು ರೂ. 19417000=00 ಗಳನ್ನು ಪಾವತಿ ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 1780001=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 17636999=00 ಗಳನ್ನು

Stamp

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು | ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು | ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Executive Engineer

ABSTRACT

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, roads drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up lift 1.5, excavated surface leveled and neatly dressed disposed earth to be leveled after breaking of clods and neatly dressed as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	599.53	187.00	112112.00	0.00	0.00	0.00	599.53	187.00	112112.00	599.53	112112.00	
2	Removing B.S.slab of Drain and stacking as per the directions of the Engineer-in-charge of the work .	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Removing and refixing stone slabs of drains and pointing in CM (1:3) as per the directions of the Engineer-in-charge of the work .	Sqm	130.41	90.00	11737.00	0.00	0.00	0.00	130.41	90.00	11737.00	130.41	11737.00	
4	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete as per the directions of the Engineer-in-charge of the work .	Sqm	21.74	748.00	16258.00	0.00	0.00	0.00	21.74	748.00	16258.00	21.74	16258.00	
5	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete and unloading and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. and unloading and as per the directions of the Engineer-in-charge of the work .	Cum	226.16	54.00	12213.00	0.00	0.00	0.00	226.16	54.00	12213.00	226.16	12213.00	
8	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading and as per the directions of the Engineer-in-charge of the work .	Cum	825.69	127.00	104863.00	0.00	0.00	0.00	825.69	127.00	104863.00	825.69	104863.00	
9	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification and as per the directions of the Engineer-in-charge of the work .	Cum	545.73	360.00	196462.00	0.00	0.00	0.00	545.73	360.00	196462.00	545.73	196462.00	
10	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Sqm	2956.73	6.00	17741.00	0.00	0.00	0.00	2956.73	6.00	17741.00	2956.73	17741.00	
	Quantity Above 125%	Sqm	2481.39	7.15	17753.00	0.00	0.00	0.00	2481.39	7.15	17753.00	2481.39	17753.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		R
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
11	Providing,laying, spreading and compacting crushed stone aggregates of granite/trap/ basalt to wet mix macadam specification including pre mixing the Material with water at OMC in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density. complete as per specifications. and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Cum	749.79	1989.00	1491328.00	0.00	0.00	0.00	749.79	1989.00	1491328.00	749.79	1491328.00	
	Quantity Above 125%	Cum	726.66	2251.24	1635886.00	0.00	0.00	0.00	726.66	2251.24	1635886.00	726.66	1635886.00	
12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Sqm	193.05	68.00	13128.00	0.00	0.00	0.00	193.05	68.00	13128.00	193.05	13128.00	
	Quantity Above 125%	Sqm	5245.06	107.32	562877.00	0.00	0.00	0.00	5245.06	107.32	562877.00	5245.06	562877.00	
13	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	630.22	15.50	9769.00	0.00	0.00	0.00	630.22	15.50	9769.00	630.22	9769.00	
14	Providing and applying tack coat using 80/100 grade bitumen (VG 10) on granular base such as WBM surface hot bitumen primed at 4kg per 10 sqm heating bitumen in boiler with spray set (Excluding cleaning of Road surface) inlcuding cost of all materials, labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Sqm	3195.89	21.00	67114.00	0.00	0.00	0.00	3195.89	21.00	67114.00	3195.89	67114.00	
	Quantity Above 125%	Sqm	545.67	23.85	13014.00	0.00	0.00	0.00	545.67	23.85	13014.00	545.67	13014.00	
15	Providing and laying bituminous macadam on prepared surface with crushed coarse as per design mix formula for base / binding courseincluding loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant,transporting the mixed material in tipper to paver and laying mixed materials, with paver finisher to the required level and grade,rolling by power roller to achieve the desired density,but excluding cost of primer/tack coat including lead,lift and cost of all materials,labour,HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Cum	167.79	6450.00	1082230.00	0.00	0.00	0.00	167.79	6450.00	1082230.00	167.79	1082230.00	
	Quantity Above 125%	Cum	19.29	7187.75	138657.00	0.00	0.00	0.00	19.29	7187.75	138657.00	19.29	138657.00	
16	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	26216.70	4.00	104867.00	0.00	0.00	0.00	26216.70	4.00	104867.00	26216.70	104867.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.20kg per sqm on the existing prepared bituminous surface cleaned with mechanical broom. complete as per specification. and as per the directions of the Engineer-in-charge of the work .	Sqm	26216.70	10.00	262167.00	0.00	0.00	0.00	26216.70	10.00	262167.00	26216.70	262167.00	
18	Providing and laying bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler,transporting the hot mix to work site,laying with a paver finisher to the required grade, level and alignment,rolling with smooth wheeled,vibratory and tandem rollers to achieve the desired compaction as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Cum	1048.67	10138.00	10631396.00	0.00	0.00	0.00	1048.67	10138.00	10631396.00	1048.67	10631396.00	
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work .													
	Quantity upto 125%	Sqm	517.96	610.00	315956.00	0.00	0.00	0.00	517.96	610.00	315956.00	517.96	315956.00	
20	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specification and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
23	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Conrete Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms and 2Ltr of Primer per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
E1	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	1158.58	2244.09	2599954.00	0.00	0.00	0.00	1158.58	2244.09	2599954.00	1158.58	2599954.00	
	TOTAL AMOUNT				**19417482.00**	-	-	-			**19417482.00**		**19417482.00**	

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

K. N. [illegible]

Contractor

Asst Engineer

Asst Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer